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Datasheet for ABIN5852969

TARDBP Protein (AA 1-414) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	TARDBP
Protein Characteristics:	AA 1-414
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TARDBP protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSSEY IRVTEDEDE PIEIPSEDDG
TVLLSTVTAQ FPGACGLRYR NPVSQCMRGV RLVEGILHAP DAGWGNLVVY VNYPKDNKRK
MDETDASSAV KVKRAVQKTS DLIVLGLPWK TTEQDLKEYF STFGEVLMVQ VKKDLKTGHS
KGFGFVRFTE YETQVKVMSQ RHMIDGRWCD CKLPNSKQSQ DEPLRSRKVF VGRCTEDMTE
DELREFFSQY GDVMDVFIPK PFRAFAFVTF ADDQIAQSLC GEDLIKGIS VHISNAEPKH
NSNRQLERSG RFGGNPGGFG NQGGFGNSRG GGAGLGNNQG SNMGGGMNFG AFSINPAMMA
AAQAALQSSW GMMGMLASQQ NQSGPSGNNQ NQGNMQREPN QAFGSGNNSY SGSNSGAAIG
WGSASNAGSG SGFNNGFGSS MDSKSSGWGM

Purity: > 90 % by SDS - PAGE

Target Details

Target: TARDBP

Target Details

Alternative Name: [TARDBP \(TARDBP Products\)](#)

Background: TARDBP, as known as TAR DNA binding protein, was originally identified as a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. It has also been identified in individuals diagnosed with chronic traumatic encephalopathy, a condition that often mimics ALS and that has been associated with athletes who have experienced multiple concussions and other types of head injury. It has been shown to bind both DNA and RNA and have multiple functions in transcriptional repression, pre-mRNA splicing and translational regulation. Recombinant human TARDBP protein protein, fused to His-tag at N-terminus, was expressed in E.coli.

Molecular Weight: 48.8 kDa(450aa)

NCBI Accession: [NP_031401](#)

UniProt: [Q13148](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

Handling

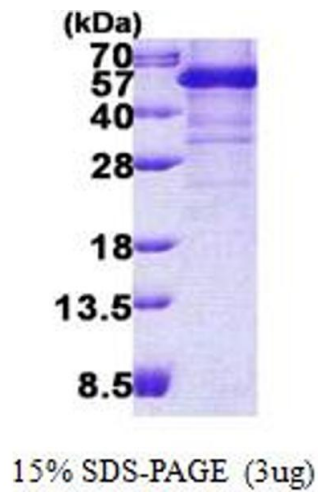
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol 0.4M urea

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.